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LIST OF REFERENCES CITED BY APPLICANT <i>(Use several sheets if necessary)</i>		APPLICANT KITANA et al.		
		FILING DATE 12/20/01	GROUP 2152	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
JZ	B1	5,140,530	8/92	Guha et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES NO PART.
JZ	B2	2881711	02/99	JAPAN			X
JZ	B3	WO98/30722	07/98	WIPO			RECEIVED
							SEP 23 2002
							Technology Center 2100

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

JZ	B4	T. Yada et al., "Signal Pattern Extraction from DNA Sequences Using Hidden Markov Model and Genetic Algorithm," Transactions of Information Processing Society of Japan, Vol. 37, No. 6, Pages 1117 through 1129, Information Processing Society of Japan (June 1996).
JZ	B5	T. Akutsu et al., "A Learning Theory for Identifying Gene Regulatory Networks," 32 nd Artificial Intelligence Fundamental Theory Study Group Material, pages 37-42, Japanese Society for Artificial Intelligence (March 1998).
JZ	B6	D. Tominaga et al., "Design of Canonical Model Describing Complex Nonlinear Dynamics," Computer Applications in Biotechnology, pages 85-90, IFAC (1998).
JZ	B7	T. Yada et al., "Generation of Hidden Markov Model Describing Complex Motif in DNA Sequences," Transactions of Information Processing Society of Japan, Vol. 40, No. 2, Information Processing Society of Japan (February 1999).
JZ	B8	T. Akutsu, "Inference Algorithm in Gene Networks," Suri-Kagaku (Mathematical and Physical Science, Vol. 37, No. 6 (No. 432), pages 40-46, Science (June 1999).
JZ	B9	H. Kitano, "Trial toward System Biology," Suri-Kagaku (Mathematical and Physical Science, Vol. 37, No. 6 (No. 432), pages 54-60, Science (June 1999).
JZ	B10	T. Akutsu et al., "Inferring Genetic Network Using Linear Programming," Proceedings of the 13 th Annual Conference of JSAI, 1999, pages 328-329, Japanese Society of Artificial Intelligence (June 1999).

EXAMINER <i>Guha</i>	DATE CONSIDERED 3/4/05
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0851-0031

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Substitute for form 1449A/PTO				Complete if Known	
				Application Number	10/018,571
				Filing Date	December 20, 2004
				First Named Inventor	Hiroaki Kitano
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	KAK-0004
				RECEIVED NOV 29 2002 Technology Center 2100	

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
JZ	B1	Noda, K. et al., " Finding Genetic Network From Experiments by Weighted Network Model," Genome Informatics Workshop, Volume 9, Pages 141-140, Japanese Society for Bioinformatics (December 10-11, 1998)			
JZ	B2	Akutsu et al., " Identification of Genetic Networks From a Small Number of Gene Expression Patterns Under the Boolean Network Model," Proceedings: Pacific Symposium on Biocomputing, Stanford Medical Informatics (January 4-9, 1999)			
PL	B3	Morohashi et al., "Identifying Gene Regulatory Networks from Time Series Expression Data by in silico Sampling and Screening," Advances in Artificial Life . Proceedings of the 5th European Conference on Artificial Life, Pages 477-486 (September 13-17, 1999)			

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Examiner Signature		Date Considered	3/4/05
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